**Organikkimyo (Abdusamatovva b.)**

ε – kaprolaktam: **C6H11NO**

2-oksipiridin (laktim, laktamshakllarimavjud): **C5H5NO**

Adenilkislota (AMF): **C10H14N5O7P**

Adenin: **C5H5N5**

Adenozin: **C10H13N5O4**

Adipinkislota: **HOOC – (CH2)4 – COOH (C6H10O4)**

Akrilonitril: **CH2 = CH – CN**

Akrolein: **CH2 = CH – CHO**

Alanin: **CH3 – CH(NH2) – COOH**

Aldol (3-oksibutanal): **CH3 – CH(OH) – CH2 – CHO**

Alizarin: **C14H8O4**

Alkilfosfinkislotaefiri: **CH3 – PO – (OC2H5)2**

Allen: **CH2 = C = CH2**; Allilspirt: **CH2 = CH – CH2OH**

Amigdalin: **C20H27O11N . H2O**

Anabazin: **C10H14N2**; Antratsen: **C14H10**

Antraxinon: **C14H8O2**

Araxidon: **C5H11CH = CHCH2CH = CHCH2CH = CHCH2CH = CH(CH2)7COOH (C24H40O2)**

Araxinkislota: **C19H39COOH (C20H40O2)**

Asalarimumi (palmitinkisloraningmiritsilefiri): **C15H31COOC31H63 (C47H94O2)**

Asetanilid: **C6H5 – NHCOCH3**

Asetoamid: **CH3CONH2**

Asetonfenilgidrozoni: **CH3 – C = N = NH – C6H5 (C8H9N2)**

Asetonoksimi: **CH3 – C(CH3) = N – OH**

Asetonitril: **CH3CN**

Asetosirkaefiri: **CH3 – CO – CH2 – CO – OC2H5 (C6H10O3)**

Azelainkislota: **HOOC – (CH2)7 – COOH (C9H16O4)**

Benzilasetat (jasminessensiyasi): **CH3COOCH2C6H5**

Benzoykislota: **C6H5COOH**

Binafsharangberuvchimodda: **Fe(OC6H5)3**

D-mannit: **CH2OH – (CHOH)4 – CH2OH (C6H14O6)**

D-mannonkislota: **CH2OH – (CHOH)4 – COOH (C6H12O7)**

D-mannoshakarkislota: **HOOC – (CHOH)4 – COOH (C6H10O8)**

Diasetonspirt: **CH3 – C(OH)(CH3) – CH2 – CO – CH3 (C6H12O2)**

Diazoniytuzi: **[C6H5N+=N]**

Dimetilammoniygidroksid: **[(CH3)2NH2]OH**

Dinitriladipinkislota: **NC – (CH2)4 – CN**

Dioksibenzol (*orto-* pirokatexin, *meta-* rezorsin, *para-*gidroxinon): **C6H4(OH)2**

Dioksin: **C4H4O2** (191)

Disaxaridlar: laktoza (sutshakari), maltoza (solodshakari),

saxaroza (shakarqamish, qandlavlagishakari), sellobioza– **C12H22O11**

Dulsit: **CH2OH – (CHOH)4 – CH2OH (C6H14O6)**

Elaidinkislota (*trans-*izomer): **C8H17 – CH = CH – (CH2)7 – COOH (C18H34O2)**

Enantkislota: **C6H13COOH (C7H14O2)**

Fenantren: **C14H10**; Fenolftalein: **C20H14O4**

Ftalangidrid: **C8H4O3**

Ftalkislota: **C8H6O4**; Furan: **C4H4O**

Geksametildisiloksan: **(CH3)3Si – O – Si(CH3)3**

Geksaxloran: **C6H6Cl6**

Geksit: **CH2OH – (CHOH)4 – CH2OH (C6H14O6)**

Gippurkislota: **C6H5CONH – CH2COOH (C9H9NO3)**

Glikolkislota: **CH2OH – COOH**

Glioksal: **OHC – CHO (C2H2O2)**

Glitsin: **NH2 – CH2 – COOH (C2H5NO2)**

Glukonkislota: **CH2OH – (CHOH)4 – COOH (C6H12O7)**

Glutarkislota: **HOOC – (CH2)3 – COOH (C5H8O4)**

Guanilkislota (GMF): **C10H14N5O8P**

Guanin: **C5H5N5O**

Guanozin: **C10H13N5O5**

Guttapercha (*trans*-1,4-poliizopren): **[–CH2 – C(CH3) = CH – CH2 –]n (C5H8)**

Imidazol: **C3H4N2**; Indol: **C8H7N;** Izoniazid: **C6H7N3O**

Izopren: **CH2 = C(CH3) – CH = CH2 [C5H8]**

Kadaverin (pentametilendiamin): **NH2 – (CH2)5 – NH2**

Kaprilkislota: **C7H15COOH (C8H16O2)**

Kapronkislota: **C5H11COOH (C6H12O2)**

Kaprontolasi: **[– NH – (CH2)5 – CO –]n**

Karbamid (mochevina): **(NH2)CO**

Karbamidkislota: **NH2 – COOH**

Keten: **CH2 = C = O (C2H2O)**

Kofein: **C8H10N4O2**

Krotonaldegid: **CH3 – CH = CH – CHO**

Ksilol (dimetilbenzol): **C8H10**

Lavsantolasi: **[– CO – C6H4 – CO – O – CH2 – CH2 – O –]n**

Lignotserinkislota: **C23H47COOH (C24H48O2)**

Linolkislota: **C5H11CH = CHCH2CH = CH(CH2)7COOH (C18H32O2)**

Linolen: **C2H5CH = CHCH2CH = CHCH2CH = CH(CH2)7COOH (C18H30O2)**

Lyuiskislotalari: **FeCl3, AlCl3** (58), **BF3, AlCl3, TiCl4, SnCl4**

Malonkislota: **HOOC – CH2 – COOH (C3H4O4)**

Margarinkislota: **C16H33COOH (C17H34O2)**

Metakrilkislotaning metal efiri (metilmetakrilat): **CH2 = C(CH3) – COOCH3**

Miristinkislota: **C13H27COOH (C14H28O2)**

Miritsil: **C31H63OH**

Monosaxarid: 1) pentozalar: L-arabinoza, D-riboza, D(+)-ksiloza (yog‘ochshakari) – **C5H10O5**

2) geksozalar: D-glukoza (uzumshakari), D-mannoza, D-galaktoza, D-fruktoza - **C6H12O6**

Moy kislota: **C3H7COOH (C4H8O2)**

Naftalin: **C10H8**

Neylon: **[– CO – (CH2)4 – CO – NH – (CH2)6 – NH –]n**

Nikotin: **C10H14N2**

Nikotinkislota: **C6H6NO2**

Nitrozamin: **(C6H5)2N = NO**

Oksalatkislota: **HOOC – COOH (C2H2O4)**

Oksazol: **C3H3NO**

Oleinkislota (*sis*-izomer): **C8H17 – CH = CH – (CH2)7 – COOH (C18H34O2)**

Olmakislota: **HOOC – CH2 – CH(OH) – COOH**

Palmitinkislota: **C15H31COOH (C16H32O2)**

Palmiton: **C15H31 – CO – C15H31 (C30H62O)**

Palmitooleinkislota: **C6H13CH = CH(CH2)5COOH (C14H26O2)**

Parafin: **C19H40 – C36H74**

Pellargonkislota: **C8H17COOH (C9H18O2)**

Pikramid: **C6H4N4O6**

Pikrinkislota (2,4,6-trinitrofenol): **C6H2OH(NO2)3**

Piran: **C5H6O**; Pirazin: **C4H4N2**

Piridin: **C5H5N**

Piridoksal: **C8H9NO3**

Piridoksamin: **C8H11N2O2**

Piridoksin: **C8H11NO3**

Pirimidin: **C4H4N2**; Pirrol: **C4H5N**

Pirrolidin: **C4H9N**

Pirrolin: **C4H7N**

Propionkislota: **C2H5COOH (C3H6O2)**

Purin: **C5H4N4**

Putressin (tetrametilendiamin): **NH2 – (CH2)4 – NH2**

Qahrabokislota: **HOOC – (CH2)2 – COOH (C4H6O4)**

Sellulozaksantogenati: **[C6H7O2(OH)2(O – CS – SNa)]n**

Seyzetuzi (sariqkristall): **K[C2H4PtCl3] . H2O**

Siangidrin: **CH3 – C(OH)(CN) – CH2 – CO – OC2H5 (C7H11O3N)**

Siloksan (kremniy-organikkauchuk, dimetilsilandiol): **(CH3)2Si(OH)2**

Sirkaaldegidningmetilasetali: **CH3 – CH(OCH3)2 (C4H10O2)**

Sirkakilslota: **CH3COOH**

Sirkakislotaoksimi: **CH3 – CH = N – OH**

Sitidin: **C9H13N3O5**

Sitidilkislota (SMF): **C9H14N3O8P**

Sitozin: **C4H5N3O**

Siydikkislota: **C5H4N4O3**

Stearin kislota: **C17H35COOH (C18H36O2)**

Stirol: **C6H5CH = CH2**(**C8H8)**

Stovarsol: **(OH)(CH3CONH)C6H3(H2AsO3)**

Sulfanilkislota: **C6H7NO3S**

Sutkislota: **CH3 – CH(OH) – COOH (C3H6O3)**

Tabiiykauchuk (*sis*-1,4-poliizopren): **[–CH2 – C(CH3) = CH – CH2 –]n (C5H8)**

Teflon: **CF2 = CF2**

Tiazin: **C4H5NS**

Tiazol: **C3H3NS**

Timin: **C5H6N2O2**

Tiofen: **C4H4S**

Tiofos: **(C2H5O) – PS – O – C6H4 – NO2**

Tiopiran: **C5H6S**

Toluidin: **C7H9N**

Triftorxloretilen: **CF2 = CFCl**

Trimetilsilan: **(CH3)3SiCl**

Trimetilsilanol: **(CH3)3SiOH**

Trioksibenzol (*1,2,3-*pirogallol, *1,2,4-*oksigidroxinon, *1,3,5-*floroglutsin): **C6H3(OH)3**

Trioksimetilen: **(H2CO)3**

Triozonid: **C6H6O9**

Uratsil: **C4H4N2O2**

Uridilkislota (UMF): **C9H13N2O9P**

Uridin: **C9H12N2O6**

Urotropin (geksametilentetramin): **(CH2)6N4**

Valerian kislota: **C4H9COOH (C5H10O2)**

Vazelin: **C12H26 – C25H52**

Vazelinmoyi: **C10H22 – C15H32**

Vinilasetilen: **CH2 = CH – C =CH (C4H4)**

Vinilidenftorid: **CH2 = CF2**

Vitamin PP: **C6H6N2O**

Xinolin: **C9H7N**

Xloroform: **CHCl3**

Xlorofos: (**CH3)2 – PO – CH(OH) – CCl3**

Xloropren: **CH2 = C(Cl) – CH = CH2**

Shakarkislota: **HOOC – (CHOH)4 – COOH (C6H10O8)**

Shilliqkislota: **HOOC – (CHOH)4 – COOH (C6H10O8)**

Shveyserreaktivi: **[Cu(NH3)4(OH)2]**

Chumolikislota: **HCOOH**